

Title (en)

METHOD FOR MAKING A FILTER SEGMENT FOR A DISC FILTER

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES FILTER SEGMENTS FÜR EINEN SCHEIBENFILTER

Title (fr)

PROCÉDÉ DE FABRICATION D'UN SEGMENT DE FILTRE POUR UN FILTRE À DISQUE

Publication

EP 2611516 B1 20200122 (EN)

Application

EP 11822220 A 20110830

Priority

- SE 1050901 A 20100902
- SE 2011051035 W 20110830

Abstract (en)

[origin: WO2012030285A1] A method and device for making a disc shaped filter segment (1) of a disc filter (not shown), said filter segment (1) comprising a filter frame (2) and a filter material (3), said filter frame (2) being adapted for a filter support (not shown) of the disc filter. The method includes injection moulding of the filter frame (2) in a lower half (4a) and an upper half (4b) with a filter material (3) placed between the lower half (4a) and the upper half (4b), said filter material (3) being stretched and during the injection moulding in stretched condition integrated in the lower half (4a) and the upper half (4b) of the filter frame (2), and wherein the filter material (3) after injection moulding exhibits a residual stretching of the material. The device concerns an injection moulded filter frame (2) with a filter material (3) integrated in stretched condition between a lower half (4a) of the filter frame (2) and an upper half (4b) of the filter frame (2), said filter material (3) after injection moulding exhibiting a residual stretching of the material.

IPC 8 full level

B01D 33/23 (2006.01); **B29C 45/14** (2006.01)

CPC (source: EP KR SE US)

B01D 33/23 (2013.01 - EP KR SE US); **B01D 39/14** (2013.01 - KR); **B29C 45/0001** (2013.01 - US); **B29C 45/14** (2013.01 - KR SE); **B29C 45/14262** (2013.01 - EP US); **B29C 45/14336** (2013.01 - US); **B29C 45/1671** (2013.01 - US); **B29C 55/02** (2013.01 - US); **B29C 2045/1681** (2013.01 - US); **B29K 2023/12** (2013.01 - US); **B29K 2067/00** (2013.01 - US); **B29K 2105/0809** (2013.01 - US); **B29K 2105/12** (2013.01 - US); **B29K 2309/08** (2013.01 - US); **B29K 2667/00** (2013.01 - US); **B29L 2031/14** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012030285 A1 20120308; AU 2011296609 A1 20130321; AU 2011296609 B2 20140424; AU 2011296609 C1 20140814; BR 112013005158 A2 20160426; BR 112013005158 B1 20200128; CA 2809938 A1 20120308; CA 2809938 C 20190806; CL 2013000598 A1 20140818; CN 103201004 A 20130710; CN 103201004 B 20141217; DK 2611516 T3 20200406; EP 2611516 A1 20130710; EP 2611516 A4 20140122; EP 2611516 B1 20200122; ES 2782079 T3 20200910; IL 224987 A 20161031; JP 2013539431 A 20131024; JP 5908908 B2 20160426; KR 101885934 B1 20180806; KR 20130105846 A 20130926; MX 2013002439 A 20140206; MX 353374 B 20180109; PL 2611516 T3 20200907; RU 2013111945 A 20141010; RU 2557591 C2 20150727; SE 1050901 A1 20120303; SE 535159 C2 20120502; US 10005213 B2 20180626; US 2013228506 A1 20130905; US 2016193767 A1 20160707; ZA 201302329 B 20140625

DOCDB simple family (application)

SE 2011051035 W 20110830; AU 2011296609 A 20110830; BR 112013005158 A 20110830; CA 2809938 A 20110830; CL 2013000598 A 20130301; CN 201180051130 A 20110830; DK 11822220 T 20110830; EP 11822220 A 20110830; ES 11822220 T 20110830; IL 22498713 A 20130228; JP 2013527038 A 20110830; KR 20137008202 A 20110830; MX 2013002439 A 20110830; PL 11822220 T 20110830; RU 2013111945 A 20110830; SE 1050901 A 20100902; US 201113820317 A 20110830; US 201615071705 A 20160316; ZA 201302329 A 20130328